

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An image forming apparatus in which applications can be installed, the image forming apparatus, comprising:

an installed application storage part;

an application information obtaining part configured to obtain ~~for obtaining~~ application information that includes information indicating ~~is used for determining~~ whether an application is installable in the installed application storage part; and

a determination part configured to determine whether the application is installable in the installed application storage part based on the application information ~~image forming apparatus.~~

2. (Currently Amended) The image forming apparatus as claimed in claim 1, wherein the application information obtaining part is configured to obtain ~~obtains~~ the application information from the application.

3. (Currently Amended) The image forming apparatus as claimed in claim 2, wherein the application information obtaining part is configured to obtain the application information ~~is information~~ that is included in an execution file of the application.

4. (Currently Amended) The image forming apparatus as claimed in claim 1, wherein the application information obtaining part is configured to obtain ~~obtains~~ the application information from a file separate from the application.



5. (Currently Amended) The image forming apparatus as claimed in claim 3, wherein the application information obtaining part is configured to obtain ~~obtains~~ the application information by provisionally launching the application.

6. (Currently Amended) The image forming apparatus as claimed in claim 5, wherein the application information obtaining part is configured obtain ~~obtains~~ the application information by using interprocess communication between the application information obtaining part and the application.

7. (Currently Amended) The image forming apparatus as claimed in claim 5, further comprising:

a processor;

wherein the application causes the processor ~~image-forming apparatus~~ to perform[[:]]

a step of determining whether to provisionally launch the application or to normally launch the application according to a request from the application information obtaining part; and

a step of providing the application information to the application information obtaining part if the application is provisionally launched.

8. (Currently Amended) The image forming apparatus as claimed in claim 1, ~~the image-forming apparatus~~ further comprising:

a storage configured to store ~~for storing~~ the application information obtained by the application information obtaining part.



9. (Currently Amended) The image forming apparatus as claimed in claim 8, wherein the storage is at least one of a hard disk, a nonvolatile memory and a memory card, and

~~wherein~~ the application information obtaining part is configured to obtain ~~obtains~~ the application information by reading information stored in the storage.

10. (Currently Amended) The image forming apparatus as claimed in claim 1, wherein the application information obtaining part is configured to obtain the application information that includes a product ID that is specific ~~[[for]]~~ to the application.

11. (Currently Amended) The image forming apparatus as claimed in claim 10, wherein the application information obtaining part is configured to obtain the application information that further includes at least one of a vendor name, an application name, version information and resource information.

12. (Currently Amended) The image forming apparatus as claimed in claim 10, further comprising:

a ~~wherein the storage~~ configured to store ~~stores~~ product IDs of installable applications, and

wherein the ~~image forming apparatus determines~~ determination part is configured to determine whether a target application is installable by checking whether a product ID of the target application is stored.

13. (Currently Amended) The image forming apparatus as claimed in claim 1, ~~the image forming apparatus~~ further comprising:



hardware resources ~~[[used]]~~ for an image forming process;  
control services for controlling the hardware resources; and  
a virtual application service that operates as a client process for the control services  
and operates as a sever process for the application.

14. (Original) The image forming apparatus as claimed in claim 13, wherein the  
virtual application service includes the application information obtaining part.

15. (Currently Amended) A method for installing applications ~~[[used]]~~ in an image  
forming apparatus ~~in which applications can be installed~~, the method comprising:

~~an application information obtaining step of~~ obtaining application information ~~that is~~  
~~used for determining~~ that includes information indicating whether an application is installable  
in the image forming apparatus; and

determining whether the application is installable in the image forming apparatus  
based on the application information.

16. (Currently Amended) The method as claimed in claim 15, wherein the step of  
obtaining application information comprises obtaining ~~the image forming apparatus obtains~~  
the application information from the application.

17. (Currently Amended) The method as claimed in claim 16, wherein the step of  
obtaining application information comprises obtaining the application information is  
~~information~~ that is included in an execution file of the application.



18. (Currently Amended) The method as claimed in claim 15, wherein the step of obtaining application information comprises obtaining ~~the image forming apparatus obtains~~ the application information from a file separate from the application.

19. (Currently Amended) The method as claimed in claim 17, wherein the step of obtaining application information comprises obtaining ~~the image forming apparatus obtains~~ the application information by provisionally launching the application.

20. (Currently Amended) The method as claimed in claim 19, wherein the step of obtaining application information comprises obtaining ~~the image forming apparatus obtains~~ the application information from the application by using interprocess communication.

21. (Currently Amended) The method as claimed in claim 19, further comprising:  
~~wherein the application causes the image forming apparatus to perform:~~

~~a step of~~ determining whether to provisionally launch the application or to normally launch the application according to a request; and

~~a step of~~ providing the application information to an application information obtaining part in the image forming apparatus if the application is provisionally launched.

22. (Currently Amended) The method as claimed in claim 15, ~~the method~~ further comprising:

~~a step of~~ storing the application information in a storage in the image forming apparatus.



23. (Currently Amended) The method as claimed in claim 22, wherein the step of storing the application information in the storage comprises storing the application information in the storage that is at least one of a hard disk, a nonvolatile memory and a memory card, and

~~wherein the step of obtaining application information comprises obtaining image forming apparatus obtains~~ the application information by reading information stored in the storage.

24. (Currently Amended) The method as claimed in claim 15, wherein the step of obtaining application information comprises obtaining the application information that includes a product ID that is specific ~~[[for]]~~ to the application.

25. (Currently Amended) The method as claimed in claim 24, wherein the step of obtaining application information comprises obtaining the application information that further includes at least one of a vendor name, an application name, version information and resource information.

26. (Currently Amended) The method as claimed in claim 24, further comprising:  
~~wherein the storage stores storing~~ product IDs of installable applications~~[[,]]~~ in a storage, and the image forming apparatus determines  
wherein the step of determining whether the application is installable comprises determining whether a target application is installable by checking whether a product ID of the target application is stored.

27. (Cancelled)



28. (Currently Amended) A computer readable storage medium having embedded therein instructions, which when executed by a processor, storing program code to be executed on an image forming apparatus in which applications can be installed, the computer readable medium cause the processor to perform a method for installing applications in an image forming apparatus, comprising:

~~application information obtaining program code means for obtaining application information that includes information indicating is used for determining whether an application is installable in the image forming apparatus; and~~

determining whether the application is installable in the image forming apparatus based on the application information ~~image forming apparatus.~~

29-112. (Cancelled)